

AMENDMENTS TO THE CLAIMS

Claim 1 (currently amended): A microphone comprising:

a diaphragm system with a first diaphragm having a first surface and a second surface,

a first sound inlet in at least one first opening arranged substantially parallel to and facing the first surface of the first diaphragm,

a second inlet in at least one second opening arranged substantially perpendicular to the second surface of the first diaphragm,

wherein the sound entering via the second sound inlet strikes the second surface of the first diaphragm very largely unaffected,

wherein an acoustic damping element is arranged at the first sound inlet or between the first sound inlet and the first surface of the first diaphragm for damping the sound entering via the first sound inlet before the sound strikes the first surface of the first diaphragm,

wherein the first sound inlet lies in front of the first diaphragm with respect to a main sound direction,

wherein the second sound inlet lies behind the first diaphragm with respect to the main sound direction.

Claim 2 (previously presented): A microphone according to Claim 1,

wherein the microphone comprises a housing into which an opening is laterally provided, which forms the second sound inlet.

Claim 3 (previously presented): The microphone according to Claim 2,

wherein the first sound inlet is arranged in a housing and lies with respect to the main sound direction in front of the first diagram.

Claim 4 (currently amended): The microphone according to Claim 1,

wherein a damping element is constructed in front of the diaphragm or in the first opening.

Claim 5 (previously presented): The microphone according to Claim 1,
wherein the first sound inlet is constructed with an acoustic damping element, which together
with the volume formed between the damping element and the first surface of the first
diaphragm forms an acoustic lowpass, the cut-off frequency of which corresponds with
the travel time from the first sound inlet to the second sound inlet.

Claim 6 (previously presented): The microphone according to Claim 1,
wherein the first sound inlet is constructed with an acoustic damping element, which together
with the volume formed between the damping element and the diaphragm forms an
acoustic lowpass, the cut-off frequency of which corresponds with the distance between
the first and second sound inlets.

Claim 7 (original): In a microphone headset, a microphone according to Claim 1.

Claim 8 (previously presented): The microphone according to Claim 1,
wherein the damping element includes a passive diaphragm which is perforated.